

IAC Mission Success Stories

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MTIAC

Story 1

Story 2

Technology Transfer for the Combat Rations Network (CORANET)

This project is conducted by MTIAC under sponsorship of the Defense Logistics Agency (DLA). The goal of the CORANET program is to develop and adapt modern manufacturing processes to ensure the timely, affordable, high-quality, and varied combat rations to the military. MTIAC works with DLA to identify enabling technologies; to quantify the cost-benefit of the program; to promote awareness and utilization of technology developed by the CORANET program; and to facilitate interaction among the industrial producers of combat rations, leading research organizations, and the Defense Supply Centers, the U.S. Department of Agriculture, and several Army Commands.

[Continued on Story 1](#)

Laser Material Process Database for Cutting/Welding

The MTIAC Laser Process Database, developed under sponsorship of DTIC, is now available in Windows™ format and is being sold worldwide. This MTIAC product is designed to help the user determine the appropriate cutting/welding parameters used for manufacturing a wide variety of metallics and non-metallics at various thicknesses using either a CO2 or Nd-YAG laser beam. One of the key features of interest is the ability to use this product as the foundation for developing internal, customized manufacturing parameters, and the brief discussion it provides of a theoretical laser cutting model and a theoretical laser welding model.

[Continued on Story 2](#)

Please visit our Web site at <http://mtiac.iitri.org> or send us an E-mail at mtiac@iitri.org

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Technology Transfer for the Combat Rations Network (CORANET) (continued)

MTIAC is working with DLA to promote one the major CORANET success stories which is their Polymeric Tray Project. This technology replaces the traditional can and is currently being field tested. Reduced risk of burns and cuts to the soldier is one of the major advantages of this technology.

For further information please visit the CORANET Website at: <http://coranet.iitri.org>

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